

INDEX TO VOLUME 53

A

- Acanthis flammea*, 146
 flammea flammea, 244
Accipiter albogularis gilvus, 84
 cooperii, 136, 184, 232
 gentilis, 136
 gentilis atricapillus, 231
 novae-hollandiae rubiane, 83
 striatus, 136
 striatus velox, 232
Acridotheres tristis, 34, 39
Acrocephalus familiaris, 41
 kingi, 41
Actitis hypoleucos, 83, 85
 macularia, 138, 191, 234
Aechmophorus mexicanus, 300
Aechmophorus occidentalis, 134, 229
Aegolius acadicus, 140, 154
 acadicus acadicus, 122, 236
Aëronauts saxatalis saxatalis, 236
Agelaius phoeniceus, 105-115, 145, 234
 phoeniceus fortis, 234
 phoeniceus nevadensis, 234
 phoeniceus sonoriensis, 234
 tricolor, 111
Aimophila cassini, 245
 ruficeps, 53, 118-119, 122
 ruficeps obscura, 118
Aix sponsa, 136, 209-220, 231
Akepa, 35
Alauda arvensis, 39
Albatross, Black-footed, 35
 Laysan, 35
 Short-tailed, 35
Alcedo atthis salomonensis, 88
Alectoris graeca, 51, 233
Amakihi, 35
Amaurornis olivaceus, 84
Amblycercus holosericeus, 18
Ammodramus savannarum, 153
 savannarum pratensis, 245
Amphispiza belli, 245
 belli canescens, 245
 belli nevadensis, 245
 bilineata deserticola, 245
Anas, 205
 acuta, 135, 205
 acuta taitihoa, 230
 carolinensis, 230
 crecca, 135
 cyanoptera, 135
 cyanoptera cyanoptera, 230
 discors, 135, 157, 230
 platyrhynchos, 135, 205, 284-297
 platyrhynchos platyrhynchos, 230
 strepera, 135, 230
 wywilliana laysanensis, 41
 wywilliana wywilliana, 37, 41
 Ani, Groove-billed, 10, 16
 Smooth-billed, 10
Anous, 85
 minutus melanogenys, 39
 stolidus, 40
 stolidus pileatus, 39, 41
Anser albifrons, 135, 155, 230
Anthus spinoletta, 143
 spinoletta pacificus, 241
Apapane, 34
Aphelocoma coerulescens, 52, 122, 142, 179, 239, 260
 coerulescens insularis, 119
 coerulescens nevadae, 239
 coerulescens superciliosa, 239
 coerulescens woodhouseii, 239
Aplonis cantoroides, 83, 84, 91
 grandis, 83
 grandis grandis, 92
 metallicus nitidus, 92
Aquila chrysaetos, 136, 178-179
 chrysaetos canadensis, 232
Archilochus alexandri, 52, 198-201, 236
Ardea herodias, 134, 229, 260
 herodias hyperonca, 229
 herodias treganzai, 229
Arenaria interpres, 85, 191
 interpres interpres, 38
 interpres morinella, 234
 melanocephala, 192
Arremonops rufivirgatus, 18
Asio flammeus, 140, 262
 flammeus flammeus, 236
 flammeus sandwichensis, 39, 41
 otus, 140
 otus wilsonianus, 236
Asyndesmus lewis, 140, 237
Auriparus flaviceps acaciarius, 239
Avocet, 187-189, 193, 235, 256
Aythya, 136
 affinis, 231
 americana, 231
 collaris, 47, 51, 136, 231
 marila nearctica, 231
 valisineria, 136, 231

B

- Bartholomew, George A., and Hubbs, Carl L., persistence of a rare color aberration in the Heermann gull, 221
Balanosphyra formicivora, 140, 180
 formicivora bairdi, 122, 237
 Baldpate, 51, 135, 157, 231
Basileuterus culicivorus brasherii, 18
 Baumgardt, John H., yellow-billed cuckoo in the San Bernardino Mountains, California, 207
 Becard, Rose-throated, 18
 Beideman, Richard G., recent bird records from northeastern Colorado, 260

- Berger, Andrew J., nesting density of Virginia and Sora rails in Michigan, 202
- Bishop-bird, 111, 113
- Bittern, American, 135, 229
- Least, 229
- Blackbird, Brewer, 102, 145, 243
- Red-winged, 105-115, 123, 145, 243
- Yellow-headed, 111, 113, 145, 243
- Blake, Charles H., biographical note on Scopol, 47
- Bleitz, Don, nest of pygmy nuthatches attended by four parents, 150
- Bluebird, Mexican, 143, 180, 241
- Mountain, 123, 143, 241
- Western, 53
- Bobolink, 243
- Bob-white, 137
- Bombicilla cedrorum, 144, 241
- garrulus, 143
- garrulus pallidiceps, 241
- Bonasa umbellus, 137
- Booby, Blue-faced, 36
- Brown, 36, 298, 299
- Red-footed, 36
- Bond, R. M., pigeon hawk catching dragonflies, 256
- Botaurus lentiginosus, 135
- lentiginosus peeti, 229
- Brant, Black, 123, 230
- Branta albifrons, 47
- bernicla nigricans, 230
- canadensis, 135, 230
- canadensis leucopareia, 230
- canadensis minima, 230
- canadensis moffitti, 230
- canadensis occidentalis, 135, 230
- Brattstrom, Bayard H., and Sams, James R., the Clark nutcracker in San Diego County, California, 204
- Brodkorb, Pierce, body temperature and breathing rate in a nighthawk, 301
- Bubo virginianus, 139, 236, 262
- virginianus lagophonus, 236
- virginianus occidentalis, 236
- virginianus pacificus, 236
- virginianus pallescens, 236
- Bucephala albeola, 136, 157, 231
- clangula, 136
- clangula americana, 231
- Bufflehead, 136, 157, 231
- Bulweria bulwerii, 36, 40, 41
- Bunting, Blue, 18
- Indigo, 100, 244
- Lark, 99, 244
- Lazuli, 145, 179, 244
- Snow, 114
- Bush-hen, 84
- Bush-tit, 52, 119, 142, 179, 239
- Buteo jamaicensis, 51, 136, 151, 153, 178
- jamaicensis calurus, 122, 232
- lagopus, 156
- lagopus s. johannis, 232, 257
- lineatus, 155
- regalis, 232, 257
- solitarius, 41
- swainsoni, 136, 178, 232
- Butorides striatus solomonensis, 83
- virescens, 134
- virescens anthonyi, 229

C

- Cacatua ducorpsi, 87
- galerita triton, 299
- Cacique, Prevost, 18
- Cacomantis variolosus addendus, 87
- Calamospiza melanocorys, 99, 245
- Calcarius lapponicus alascensis, 247, 262
- Calidrus canutus, 158, 192, 234
- Callipepla, 24, 204
- Calospiza chrysophrys, 8-14
- gyrola, 8-14
- icterocephala, 8-14
- inornata, 8-14
- nigro-cincta, 8-14
- Calothorax lucifer, 202
- Calypte anna, 49, 119, 198-201, 122
- costae, 198-201, 236
- Campylorhynchus brunneicapillus couesi, 240
- Canvasback, 51, 136, 231
- Capella gallinago, 138, 192
- gallinago delicata, 234
- Caprimulgus carolinensis, 153
- ridgwayi, 261
- Caracara, 50
- Cardinal, 40, 261
- Cardiff, Eugene E., a record specimen of the indigo bunting in California, 100
- Cardiff, Eugene E., and Cardiff, Bruce E., an unusual occurrence of the saw-whet owl, 154
- Carpodacus cassinii, 206, 244
- mexicanus, 40, 53, 120, 146
- mexicanus clementis, 120-121
- mexicanus frontalis, 120-122, 244
- mexicanus solitudinus, 244
- purpureus, 145
- Carson, James A., burrowing owl with Jerusalem cricket (a photograph), 46
- Casmerodius albus, 134
- albus egretta, 229
- Cassidix mexicanus, 153
- Catbird, 154, 240
- Cathartes aura, 51, 136
- aura teter, 231
- Catherpes mexicanus, 53
- mexicanus conspersus, 240
- Catoptrophorus semipalmatus, 44, 191
- semipalmatus inornatus, 234
- Centrocerus urophasianus, 233, 260
- Centropus milo, 83, 91
- milo albidiventris, 82, 87
- Centurus uropygialis albescens, 237
- Certhia familiaris, 142, 206, 240

- familiaris leucosticta*, 240
familiaris montana, 240
familiaris zelotes, 240
Chaetoptila angustipluma, 41
Chaetura vauxi, 140
 vauxi vauxi, 236
Chalcophaps stephani mortoni, 86
Chamaea fasciata, 142
Charadrius alexandrinus, 157, 190
 alexandrinus nivosus, 233
 hiaticula, 138, 157, 190
 hiaticula semipalmatus, 233
 nivosus, 43
 semipalmatus, 43
 vociferus, 122, 138, 156, 190, 262
 vociferus vociferus, 233
Chasiempis, 41
 sandwichensis sclateri, 34
Chat, 145, 243, 304
Chen hyperborea, 135
 hyperborea hyperborea, 230
Chickadee, Black-capped, 142, 239
 Chestnut-backed, 142
 Mountain, 239
Chicken, Hawaiian, 34, 37
 Prairie, 34, 37
Chlidonias niger, 139
 niger surinamensis, 235
Chloroceryle amazona, 6-14
 americana, 6-14
Chlorodrepanis virens, 35
Chlorospingus, 5
 ophthalmicus, 8-14
 pileatus, 8-14
Chlorura chlorura, 245
Chondestes grammacus, 51, 146
 grammacus strigatus, 245
Chordeiles acutipennis, 302
 acutipennis texensis, 19-22, 236
 minor, 52, 140, 301-303
 minor chapmani, 303
 minor hesperis, 236
Chrysolophus pictus, 137
Chuck-will's-widow, 153
Cicada Bird, 89
Cinclus mexicanus, 142
 mexicanus unicolor, 240
Circus cyaneus, 136
 cyaneus hudsonius, 232
Coccyzus americanus, 18, 139, 207
 americanus occidentalis, 235
 minor, 18
Cockatoo, 299
 White, 87
Cogswell, H. L., review of "Menaboni's Birds,"
 by Athos and Sara Menaboni, 103
Cohen, Nathan W., California condors in Madera
 County, California, 158
Colaptes auratus borealis, 205, 237
 cafer, 52, 140, 181
 cafer collaris, 122, 237
Colinus hibbardi, 23-30, 203
 virginianus, 23-30, 137, 204
Colius, 82
Collias, Nicholas E., and *Taber, Richard D.*, a
 field study of some grouping and domi-
 nance relations in ring-necked pheasants,
 265
Collocalia esculenta becki, 88
 vanikorensis, 83
 vanikorensis vanikorensis, 88
Columba fasciata, 52, 139, 156, 180
 fasciata monilis, 235
 nigrirostris, 6-14
 speciosa, 6-14
 subvinacea, 12
Columbigallina minuta, 6-14
 passerina, 6-14
 talpacoti, 6-14
Colymbus auritus, 229
 caspicus, 134
 caspicus californicus, 229
 grisegena holböllii, 228
Compsothlypis americana, 100
Condor, Andean, 103
 California, 103, 158, 178-179, 231
 South American, 102
Contopus richardsonii, 52, 141
 virens richardsonii, 238
Coot, American, 138, 233, 262
 Hawaiian, 38
Coracina lineata umbriosa, 82, 89
 papuensis elegans, 82, 89
Coragyps atratus, 84
Cormorant, Double-crested, 134, 156, 229, 296
Corvus brachyrhynchos, 142
 brachyrhynchos hesperis, 239
 corax, 142
 corax principalis, 101
 corax sinuatus, 101, 122, 239
 hawaiiensis, 41
Coturnicops noveboracensis noveboracensis, 233
Coturnix, 34, 37
Coucal, Buff-headed, 87, 91
Cowbird, Brown-headed, 145
 Common, 101, 244
 Red-eyed, 263
Cowles, Raymond B., and *Dawson, William R.*, a
 cooling mechanism of the Texas night-
 hawk, 19
Crane, Brown, 137
 Sandhill, 233
Creepers, 35
 Brown, 142, 206, 240
Crow, 239
 American, 142
Crocethia alba, 38, 44, 193, 234
Crossbill, Red, 146, 244, 261
 Sitka, 261
 White-winged, 157
Crotophaga ani, 10
 sulcirostris, 10, 16

- Cryptornis antiquus*, 153
Cuckoo, Brush, 87
 Mangrove, 18
 Squirrel, 18
 Yellow-billed, 18, 139, 207, 235
Cuckoo-shrike, White-bellied, 89
 Yellow-eyed, 89
Cuculus, 154
 canorus, 154
 canorus bakeri, 155
 fugax hyperythrus, 299
 optatus, 154
 saturatus, 154
 saturatus horsfieldi, 154
Curlew, Bristle-thighed, 38
 Holarctic, 138
 Hudsonian, 138, 189, 191
 Long-billed, 98, 138, 190, 191, 234
Cyanocitta cristata, 260
 stelleri, 142, 181-182, 239
 stelleri frontalis, 239
 stelleri macrolopha, 239
 stelleri percontatrix, 239
Cyanocompsa parellina, 18
Cyanocorax cucullata, 300
Cyanolyca cucullata, 97, 300
 cucullata cucullata, 300
 cucullata guatemalae, 300
 cucullata hondurensis, 300
 cucullata mitrata, 300
 mitrata, 97, 302
 mitrata cucullata, 98
 mitrata guatemalae, 97-98
 mitrata hondurensis, 97
 mitrata mitrata, 97
 pulchra, 97
 viridi-cyana, 97
Cyclarhis gujanensis, 17
Cygnus buccinator, 230
 columbianus, 135, 229
Cyrtonyx, 24, 203
 cooki, 203
 montezumae, 51
- D**
- Dactylortyx*, 24
 Dalquest, Walter W., frigate bird crossing Isthmus of Tehuantepec, 256
 Davis, I. Irby, fishing efficiency of the black skimmer, 259
 Davis, John, notes on the nomenclature of the brown jay, 152
 Davis, John, and Howell, Thomas R., a record of *Sphyrapicus varius varius* for California, 102
 Davis, W. B., and Petrides, George A., notes on the birds of Brazos County, Texas, 153
 Dawson, William R., and Cowles, Raymond B., a cooling mechanism of the Texas night-hawk, 19
 Deignan, H. G., the genus *Cuculus* in North America, a reconsideration, 154
Dendragapus fuliginosus, 232
 fuliginosus howardi, 232
 fuliginosus sierrae, 232
 obscurus, 137, 232
 obscurus obscurus, 232
 obscurus pallidus, 232
Dendrocopos albobarvatus albobarvatus, 237
 pubescens, 141, 237
 pubescens leucurus, 237
 pubescens turati, 237
 scalaris, 18
 scalaris cactophilus, 237
 villosus, 141, 237
 villosus leucothorectis, 237
 villosus orius, 237
 villosus monticola, 237
Dendrocoryna bicolor, 55, 158
 bicolor helva, 230
Dendroica aestiva, 51, 242
 aestiva brewsteri, 242
 aestiva morcomi, 242
 aestiva rubiginosa, 242
 aestiva sonorana, 242
 auduboni, 53, 144
 auduboni auduboni, 243
 coronata, 144, 243
 graciae, 156, 260
 magnolia, 242
 nigrescens, 144, 156, 243
 occidentalis, 144, 156, 179, 243
 petechia, 144, 242
 townsendi, 144, 243
Diomedea albatrus, 35
 immutabilis, 35, 40, 41
 nigripes, 35, 41
 Dipper, American, 142, 240
Dolichonyx oryzivorus, 243
 Dollar Bird, 89
Doricha enicura, 202
 Dove, Barred, 39
 Cassin, 14
 Chinese Spotted, 39, 301
 Green-winged Ground, 86
 Inca, 153, 155
 Lace-neck, 39
 Mourning, 52, 139, 235, 258, 260, 262
 Red-throated Fruit, 85
 Rufous Pheasant, 86
 Superb Fruit, 85
 White-fronted, 14
 White-winged, 235
Dowitcher, 138, 155, 187-188
 Long-billed, 192, 234
 Short-billed, 44, 189, 192
Dryobates scalaris, 52
Dryocopus pileatus, 140
 Duck, 205
 Greater Scaup, 231
 Harlequin, 231
 Hawaiian, 37
 Lesser Scaup, 51, 231
 Ring-necked, 47, 51, 136, 231

- Ruddy, 136, 231
- Scaup, 136
- Shoveller, 156
- Wood, 136, 209-220, 231
- Ducula rubricera*, 83
- rubricera rufigula*, 85
- pistrinaria*, 85
- Duff, C. V., mourning doves raise triplets, 258
- Dumetella carolinensis*, 154, 240
- Duvall, Allan J., and Taylor, Walter P., the
Lucifer hummingbird in the United States,
202

E

- Eagle, Bald, 136, 178, 232
- Golden, 136, 178-179, 232
- Sanford, 84
- Ectopistes migratorius*, 235
- Edolisoma tenuirostre saturatus*, 82, 89
- Egret, Common, 134, 229
- Snowy, 50, 229
- Egretta sacra*, 83
- sacra sacra*, 83
- Elaenia*, 5-14
- chiriquensis*, 6-14
- flavogaster*, 6-14
- obscura*, 6-14
- Elepaio*, 34
- Emberiza hyperborea*, 257
- Emlen, John T., Jr., and Nero, Robert W., an
experimental study of territorial behavior
in breeding red-winged blackbirds, 105
- Empidonax*, 91
- difficilis*, 52, 141, 179
- difficilis difficilis*, 122, 238
- griseus*, 179, 238
- hammondii*, 141, 238
- traillii*, 141, 238
- traillii adastus*, 238
- traillii brewsteri*, 238
- traillii extimus*, 238
- wrightii*, 141, 238
- Eos cardinalis*, 83, 86
- Eremophila alpestris*, 141, 153, 238
- alpestris ammophila*, 238
- alpestris insularis*, 120, 122
- alpestris lamprochroma*, 238
- alpestris leucansiptila*, 238
- alpestris utahensis*, 238
- Ereunetes mauri*, 44, 138, 193, 234
- Erolia alpina*, 138, 193
- alpina pacifica*, 234
- bairdii*, 138, 234
- melanotos*, 138
- minutilla*, 138, 158, 193, 234
- Euphagus cyanocephalus*, 102, 145, 243
- Euplectes hordeacea*, 111
- Eupoda montana*, 234
- Eurystomus orientalis*, 83
- orientalis solomonensis*, 89
- Euthlypis lachrymosa*, 18

F

- Falco albicularis*, 103
- columbarius*, 137, 232, 256
- columbarius bendirei*, 232
- columbarius suckleyi*, 232
- mexicanus*, 137, 232
- peregrinus*, 54, 137
- peregrinus anatum*, 122, 343
- sparverius*, 137
- sparverius sparverius*, 122, 232
- Falcon, Bat, 103
- Peregrine, 137, 232
- Prairie, 137, 232
- Fantail, Cockerell, 90
- Rufous-fronted, 90
- Finch, Cassin, 206, 244
- House, 40, 53, 120-121, 146, 244
- Purple, 123, 145
- Rosy, 244
- Fisher, Harvey I., the avifauna of Niihau Island,
Hawaiian Archipelago, 31
- Flicker, Red-shafted, 52, 140, 181-182, 237
- Yellow-shafted, 205, 237
- Florida caerulea*, 229
- Flycatcher, Ash-throated, 52, 141, 238, 260
- Boat-billed, 11
- Broad-billed, 91
- Derby, 263
- Gray, 179, 238
- Hammond, 141, 238
- Olivaceous, 18
- Olive-sided, 52, 141, 238
- Traill, 141, 238
- Vermilion, 52, 238
- Western, 52, 141, 179, 238
- Wright, 141, 238
- Fregata ariel*, 83
- magnificens*, 256
- magnificens rothschildi*, 229
- minor palmerstoni*, 36, 41
- French, Norman R., duck hawks nesting in Colo-
rado, 54
- Frigate-bird, 36, 229, 256
- Fulica americana*, 138, 158, 262
- americana alai*, 38, 41
- americana americana*, 233

G

- Gabrielson, Ira N., and Lincoln, Frederick C., the
races of song sparrows in Alaska, 250;
post-mortem color change in bird speci-
mens, 298
- Gadwall, 51, 135, 230
- Gallinula chloropus cachinnans*, 233
- chloropus sandvicensis*, 41
- Gallinule, Common, 233
- Gallus gallus*, 34, 37
- Gavia arctica pacifica*, 157, 228
- immer*, 134, 228
- stellata*, 134
- Geococcyx californianus*, 52, 101, 235

- Geoffroyus heteroclitus heteroclitus*, 87
Geopelia striata striata, 39
Geothlypis trichas, 145, 243
 trichas occidentalis, 243
 trichas scirpicola, 243
Glaucidium brasilianum, 18
 gnoma, 139
 Gnatcatcher, Black-tailed, 241
 Blue-gray, 123, 143, 241
 Godwit, Marbled, 44, 187-191, 234
 Golden-eye, Common, 136, 231
 Goldfinch, Arkansas, 146
 American, 146, 156, 244
 Lesser, 244
 Godge, William, variation in skeletal measurements of the common murre, 99
 Goose, Canada, 135, 230
 Emperor, 135
 Snow, 135, 230
 White-cheeked, 135
 White-fronted, 47, 135, 155, 230
 Goshawk, 136, 231
 Grackle, Boat-tailed, 153
 Bronzed, 243
 Grater, Russell K., recent bird records from Mount Rainier National Park, 156
 Grayson, Andrew Jackson, painting of fulvous tree-duck, opposite 3; bat falcon, opposite 57; ivory-billed woodhewer, opposite 105; derby flycatcher, opposite 209; yellow-breasted chat, opposite 265
 Grebe, Eared, 134, 229
 Horned, 229
 Pied-billed, 51, 134, 229
 Red-necked, 228
 Western, 134, 229
 Grosbeak, Black-headed, 53, 93-96, 145, 244
 Blue, 53, 244, 257
 Crimson-collared, 18
 Evening, 145, 244
 Rose-breasted, 154, 244
 Grouse, Blue, 137
 Dusky, 232
 Ruffed, 137
 Sharp-tailed, 232
 Sooty, 232
Grus canadensis, 137, 233
 canadensis canadensis, 233
 canadensis tabida, 233
 Guinea Fowl, 137
Guiraca caerulea, 53, 244, 257
 caerulea interfusa, 244
 caerulea salicarius, 244
 Gull, Bonaparte, 139, 235
 California, 57-77, 139, 158, 235
 Franklin, 235
 Glaucous, 139
 Glaucous-winged, 57-77, 139
 Heermann, 221-226
 Herring, 59-60, 235
 Laughing, 101
 Ring-billed, 59, 70, 139, 156, 235
 Western, 57-77, 139, 235
 Gullion, Gordon W., birds of the southern Willamette Valley, Oregon, 129; the fulvous tree-duck in northeastern California, 158
Gygis alba rothschildi, 41
Gymnogyps californianus, 158, 178-179, 231
Gymnorhinus cyanocephalus, 101, 239, 260
- ## H
- Habia gutturalis*, 16-17
Haematopus bachmani, 54
Halcyon chloris alberti, 88
 saurophaga, 83
 saurophaga saurophaga, 89
Haliaeetus leucocephalus, 136, 178
 leucocephalus leucocephalus, 122, 232
 leucogaster, 84
 sanfordi, 84
Haliastur indus girrenera, 83
 Haller, Karl W., observations on some New Mexican birds, 155
 Harrison, Ed, and Roberts, Frances, photograph of life in a murre colony, opposite 161; photograph of American avocet on nest, 256; photograph of brown booby, 298
 Hawk, American Rough-legged, 156, 257
 Cooper, 136, 184, 232
 Duck, 54
 Ferruginous, 232
 Ferruginous Rough-legged, 257
 Harris, 232
 Marsh, 136, 232
 Mexican Black, 155
 Pied, 84
 Pigeon, 232, 256
 Red-shouldered, 155
 Red-tailed, 51, 136, 151, 178, 232
 Rough-legged, 232
 Rufous-breasted, 83
 Sharp-shinned, 136, 232
 Sparrow, 137, 232
 Swainson, 136, 178, 232
Hemiprocne mystacea woodfordiana, 88
 Hen, domestic, 112
 Heron, Black-crowned Night, 37, 229
 Great Blue, 134, 229, 260
 Green, 134, 229
 Little Blue, 229
 Mangrove, 83
 Reef, 83
 Tricolored, 229
 Yellow-crowned Night, 153
Hesperiphona vespertina, 145
 vespertina brooksi, 244
Heteroscelus incanus, 38, 85
 Hickey, Joseph J., mortality records as indices of migration in the mallard, 284
Himantopus himantopus knudseni, 38, 41
 mexicanus, 235
Himatione sanguinea, 34

- Hirundo rustica*, 241, 154
 rustica erythrogaster, 122, 239
 tahitica, 83
 tahitica subfusca, 89
Histrionicus histrionicus pacificus, 231
Honey-eater, Central Solomons, 92
Howard, Hildegard, Pleistocene duck from Ohio, 205
Howell, Thomas R., Lapland longspur in Arizona, 262
Howell, Thomas R., and Davis, John, a record of *Sphyrapicus varius varius* for California, 102
Hubbs, Carl L., and Bartholomew, George A., Jr., persistence of a rare color aberration in the Heermann gull, 221
Hummingbird, Allen, 117, 120, 198-201
 Anna, 49, 119-120, 198-201
 Black-chinned, 52, 198-201, 236
 Broad-tailed, 237
 Calliope, 237
 Costa, 198-201, 236
 Lucifer, 202
 Rufous, 52, 140, 237
 White-eared, 12
Hyde, A. Sidney, white-faced glossy ibis and long-billed curlew in western Colorado, 98
Hydranassa tricolor ruficollis, 229
Hydroprogne caspia, 139, 158, 235
Hylocharis leucotis, 12
Hylocichla fuscescens salicicola, 241
 guttata, 143, 182, 179, 241
 guttata auduboni, 241
 guttata nanus, 241
 guttata polionota, 241
 guttata sequoiensis, 241
 ustulata, 143, 179, 241
 ustulata almae, 241
 ustulata swainsoni, 241

I

- Ibis, White-faced Glossy, 50, 98, 155, 229
 Wood, 154, 229
Icteria virens, 145, 304
 virens auricollis, 243
Icterus bullockii, 145
 bullockii bullockii, 243
 cucullatus californicus, 243
 parisorum, 53, 243
 spurius, 260
Iiwi, 34
Iridoprocne bicolor, 141, 238
Ixobrychus exilis hesperis, 229
Ixoreus naevius, 143
 naevius meruloides, 240

J

- Jaeger, Edmund C., pebble-dropping by house sparrows, 207
Jay, Blue, 260
 Brown, 18, 152

- Canada, 142
Green, 18, 124-128
Hooded, 97-98, 300
Pifion, 101, 239, 260
Scrub, 52, 119, 142, 179-182, 239, 260
Steller, 142, 181-182, 239
Jewett, Stanley G., a summer record of the great gray owl in Oregon, 203; an ancient murrelet goes inland, 301; a fatal meal for a young robin, 303
Jollie, Malcolm, a new bird for Idaho, 300
Junco, 53, 206
 caniceps, 53
 caniceps caniceps, 246
 hyemalis, 146, 245
 hyemalis cismontanus, 245
 hyemalis hyemalis, 245
 oreganus, 53, 146, 180, 245
 oreganus mearnsi, 245
 oreganus montanus, 246
 oreganus mutabilis, 246
 oreganus shufeldti, 246
 oreganus thurberi, 246
Junco, Gray-headed, 53, 246
 Oregon, 53, 146, 180, 182, 245
 Slate-colored, 146, 245

K

- Killdeer, 122, 138, 156, 189, 190, 233
Killpack, Merlin L., lark bunting in Uintah Basin, Utah, 99; short-eared owl eaten by horned owl, 263
Kingbird, Cassin, 52, 238
 Eastern, 237
 Tropical, 52
 Western, 141, 154, 238
Kinglet, Golden-crowned, 143, 206, 241
 Ruby-crowned, 53, 123, 143, 206, 241
Kingfisher, Beach, 89
 Belted, 140, 153, 237
 River, 88
 White-collared, 88
Kiskadee, 11
Kite, Chestnut-white, 83
Knight, Howard, and Woodbury, Angus M., results of the Pacific gull color-banding project, 57
Knot, 158 190, 192
 Red, 234

L

- Lanius excubitor*, 144
 excubitor invictus, 242
 ludovicianus, 51, 122, 242
 ludovicianus anthonyi, 120, 122
 ludovicianus gambeli, 242
 ludovicianus nevadensis, 242
 ludovicianus sonoriensis, 242
Larus roratus, 83
 roratus pectoralis, 299
 roratus solomonensis, 87

- Lark, Horned, 120, 141, 153, 238
Larus argentatus smithsonianus, 235
 atricilla, 101
 californicus, 55-77, 139, 158, 235
 delawarensis, 70, 139, 156, 235
 fuliginosus, 226
 glaucescens, 57-77, 139
 heermanni, 221-226
 hyperboreus, 139
 occidentalis, 139, 235
 occidentalis occidentalis, 57-77
 occidentalis wymani, 55-77
 philadelphia, 139, 235
 pipixcan, 235
 Leopold, Frederic, a study of nesting wood ducks in Iowa, 209
Lepidocolaptes affinis, 11
 souleyetii, 11
Leptotila cassinii, 6-14
 cassinii rufinucha, 5
 verreauxi, 6-14
 verreauxi verreauxi, 5
Leucophoyx thula, 50
 thula brewsteri, 229
Leucosticte tephrocotis, 244
 tephrocotis littoralis, 244
 tephrocotis tephrocotis, 244
 tephrocotis wallowa, 244
Limnodromus griseus, 44, 138, 198
 griseus scolopaceus, 155
 scolopaceus, 192, 234
Limnolophus swainsoni, 154
Limosa fedoa, 44, 191, 234
 Lincoln, Frederick C., and Gabrielson, Ira N., the races of song sparrows in Alaska, 250;
 post-mortem color change in bird specimens, 298
 Linsdale, Jean M., a list of the birds of Nevada, 228
 Lint, Kenton C., condor egg hatched in incubator, 102
Lobipes lobatus, 138, 193, 235
Locustella certhiola, 206
 ochotensis ochotensis, 206
 ochotensis pleskei, 206
Lonchura ferruginosa formosana, 299
 ferruginosa rubronigra, 299
 punctulata cabanisi, 300
 Longspur, Lapland, 247, 262
 Loon, Arctic, 157, 228
 Common, 134, 228
 Red-throated, 134
Lophodytes cucullatus, 136, 231
Lophortyx, 24
 californica, 37, 123, 137, 156, 204
 californica californica, 233
 californica catalinensis, 123
 gambelii, 204
 gambelii gambelii, 233
 Lory, Cardinal, 86
 Coconut, 86
 Lovell, Harvey B., blue grosbeak in the badlands of South Dakota, 257
Loxia curvirostra, 146, 244
 curvirostra bendirei, 244
 curvirostra benti, 245
 curvirostra grinnelli, 245
 curvirostra minor, 261
 curvirostra sitkensis, 261
 curvirostra stricklandi, 245
 leucoptera, 157
Loxops caeruleirostris, 35
- M**
- Macropygia mackinlayi arossi*, 86
 Magpie, Black-billed, 142, 180, 239, 262
 Yellow-billed, 180
 Mallard, 135, 230, 284-297
 Man-o'-war, Least, 83
Mareca americana, 135, 157, 231
 penelope, 135, 230
 Marshall, David B., new bird records for western Nevada, 157
 Martin, Purple, 142, 239
 Matteson, Clyde P., a caracara in Colorado, 50
 Mayer, William V., longevity of a crippled Brewer blackbird, 102
 Meadowlark, Eastern, 260
 Western, 39, 145, 156, 183, 243
Megascyris alcyon, 140, 153
 alcyon caurina, 237
Megarynchus, 18
 pitangua, 11
 Megapode, 84
Megapodius freycinet, 83
 freycinet eremita, 84
Melanitta deglandi, 231
Meleagris gallopavo, 38, 137, 153
Melospiza lincolni, 147
 melodia, 118, 122, 147, 250-255
 melodia amaka, 253
 melodia caurina, 253-255, 299
 melodia cinerea, 257
 melodia clementae, 118, 120, 122
 melodia cooperi, 119
 melodia hyperborea, 257
 melodia inexpectata, 255
 melodia insignis, 252-254, 257
 melodia kenaiensis, 253
 melodia maxima, 251-253
 melodia morphna, 255
 melodia rufina, 254, 299
 melodia sanaka, 251-253, 257
 melodia semidiensis, 252
 Merganser, American, 156
 Common, 136, 231
 Hooded, 136, 231
 Red-breasted, 231
Mergus merganser, 136, 156
 merganser americanus, 231
 serrator serrator, 231
 Merlin, 137

- Michener, Josephine R., territorial behavior and age composition in a population of mocking birds at a feeding station, 276
- Michener, Josephine R., and Michener, Harold, notes on banding records and plumages of the black-headed grosbeak, 93
- Micropalama himantopus, 234
- Micropsitta finschii tristrami, 86
meeki, 86
pusio, 86
- Miller, Alden H., a comparison of the avifaunas of Santa Cruz and Santa Rosa islands, 117
- Miller, Alden H., and Miller, Loye, geographic variation of the screech owls of the deserts of western North America, 161
- Miller, Loye, a Miocene petrel from California, 78
- Miller, Loye, and Miller, Alden H., geographic variation of the screech owls of the deserts of western North America, 161
- Mimus polyglottos, 53, 276-283, 300
polyglottos leucopterus, 122, 240
- Mino dumontii krefftii, 92
- Miortyx teres, 203
- Mniotilta varia, 51, 242
- Mockingbird, 53, 240, 276-283, 300
- Moho, 41
- Molothrus ater, 101, 145, 244, 263
ater artemisiae, 244
ater obscurus, 244
- Momotus momota coeruliceps, 18
- Monarch, Chestnut-bellied, 90
Pied, 90
- Monarcha barbata, 83
barbata browni, 82, 90-92
castaneiventris, 83, 92
castaneiventris richardsii, 90-92
cinerascens, 90
- Moore, Robert T., records of two North American corvids in Mexico, 101
- Motmot, Blue-crowned, 18
- Munia punctulata, 40
- Munia, Chestnut-bellied, 299
- Murre, Common, 99
- Murrelet, Ancient, 123, 301
- Myadestes townsendi, 143
townsendi townsendi, 241
- Mycteria americana, 154, 229
- Myiagra ferrocyanea, 83, 90
ferrocyanea centralis, 91-92
- Myiarchus cinerascens, 52, 141, 260
cinerascens cinerascens, 238
tuberculifer lawrenceii, 18
- Myioborus atricaudus, 6-14
sulphureipygus, 6-14
- Myioborus miniatus, 8-14
torquatus, 8-14
- Myiodynastes, 5, 18
chrysocephalus, 7-14
luteiventris, 7-14
- Myiozetetes cayanensis, 7-14
similis, 7-14
similis columbianus, 11
similis texensis, 11
granadensis, 7-14
- Mynah, 34, 39
Papuan, 92
- Myrmotherula axillaris, 6-14
fulviventris, 6-14
- Myzomela eichhorni, 83
eichhorni eichhorni, 92
- N
- Nannorchilus leucogaster, 18
- Nectarinia jugularis, 83
jugularis flavigaster, 92
- Nephoecetes niger, 140
niger borealis, 236
- Nero, Robert W., and Emlen, John T., Jr., an experimental study of territorial behavior in breeding red-winged blackbirds, 105
- Nesochen sandvicensis, 41
- Nesoclopeus woodfordi, 84
- Nighthawk, 52, 301
Booming, 140
Common, 236, 302, 303
Lesser, 236, 302
Texas, 19-22
- Noddy, 39
- Nucifraga columbiana, 204, 239
- Numenius americanus, 98, 138, 191, 234
phaeopus, 138, 191
tahitiensis, 38
- Numida meleagris, 137
- Nutcracker, Clark, 204, 239
- Nuthatch, Pygmy, 150, 206, 240
Red-breasted, 142, 240
White-breasted, 53, 142, 206, 239
- Nuttallornis borealis, 52, 141, 238
- Nyctanassa violacea, 153
- Nyctea scandiaca, 139, 236
- Nycticorax nycticorax hoactli, 37, 41, 229
- O
- Oceanodroma castro cryptoleucura, 36, 41
homochroa, 78-79
hornbyi, 79
hubbsi, 78-80
leucorhoa, 79
macroductyla, 79
markhami tristrami, 41
melania, 78-79
- Oporornis formosus, 154
tolmiei, 145, 243
tolmiei monticola, 243
- Oreortyx, 24, 204
picta, 137, 184, 233
picta eremophila, 233
picta picta, 233
- Oreoscoptes montanus, 240
- Oriole, Bullock, 145, 243

- Hooded, 243
 Orchard, 260
 Scott, 53, 243
 Osprey, 84, 137, 232
 Otus asio, 139, 161-177, 236
 asio aikenii, 168-176
 asio cardonensis, 161, 168-176
 asio cineraceus, 161, 168-176, 236
 asio clazus, 173-174
 asio gilmani, 161, 169-176
 asio inyoensis, 161, 164, 167-176, 236
 asio macfarlanei, 173, 236
 asio mcallii, 167-176
 asio mychophilus, 169-170
 asio quercinus, 161, 168-176
 asio sinaloensis, 161, 167-176
 asio suttoni, 161, 167-176
 asio vinaceus, 168-176
 asio xantusi, 161, 164, 167-176
 asio yumanensis, 168-176, 236
 flammeolus flammeolus, 236
 Oven-bird, 153, 243
 Owl, Barn, 88, 139, 235
 Burrowing, 46, 122, 139, 236
 Flammulated, 236
 Great Gray, 140, 203
 Horned, 139, 236, 262
 Long-eared, 140, 236
 Pygmy, 18, 19
 Saw-whet, 122, 140, 154, 236
 Screech, 139, 161-177, 236
 Short-eared, 39, 140, 236, 262
 Snowy, 139, 236
 Spotted, 140
 Oxyura jamaicensis, 136
 jamaicensis rubida, 231
 Oyster-catcher, Black, 54

P

- Pandion haliaetus, 137
 haliaetus carolinensis, 232
 haliaetus melvillensis, 84
 Parabuteo unicinctus harrisi, 232
 Paroreomyza bairdii, 35
 Parrot, King, 87
 New Guinea Eclectus, 299
 Pigmy, 86
 Song, 87
 Partridge, Australian Bush, 37
 Bush, 34
 Chukar, 51, 233
 European, 137
 Parula pitiauyumi, 18
 Parus atricapillus, 142
 atricapillus nevadensis, 239
 atricristatus, 52
 gambeli, 239
 gambeli abbreviatus, 239
 gambeli inyoensis, 239
 inornatus, 239
 inornatus ridgwayi, 239
 inornatus zaleptus, 239
 rufescens, 142
 Passer domesticus, 92, 145, 207, 243
 Passerculus sandwichensis, 146, 245
 sandwichensis alaudinus, 245
 sandwichensis nevadensis, 245
 Passerella georgiana ericrypta, 246
 iliaca, 147, 179, 182, 246
 iliaca annectens, 298-299
 iliaca canescens, 246
 iliaca fuliginosa, 298-299
 iliaca fulva, 246
 iliaca insularis, 298-299
 iliaca megarhynchus, 246
 iliaca monoensis, 246
 iliaca olivacea, 246
 iliaca schistacea, 246
 iliaca sinuosa, 298-299
 iliaca townsendi, 298
 iliaca unalascensis, 298-299
 lincolnii, 246
 lincolnii alticola, 246
 lincolnii lincolnii, 246
 melodia, 246
 melodia fallax, 246
 melodia fisherella, 247
 melodia merrilli, 247
 melodia montana, 246-247
 melodia saltonis, 247
 Passerina amoena, 145, 179, 244
 cyanea, 100, 244
 Pavo cristatus, 38
 Peafowl, 38
 Pedioecetes phasianellus columbianus, 232
 Pelecanus erythrorhynchos, 134, 229, 296
 occidentalis californicus, 229
 Pelican, Brown, 229
 White, 134, 229, 296
 Pennula millsii, 41
 Perdix, 24
 perdix, 137
 Petrel, 78-80
 Bonin Island, 36
 Bulwer, 36
 Hawaiian Storm, 36
 Perisoreus canadensis, 142
 canadensis griseus, 142
 canadensis obscurus, 142
 Petrides, George A., and Davis, W. B., notes on
 the birds of Brazos County, Texas, 153
 Petrochelidon pyrrhonota, 142, 239
 pyrrhonota albifrons, 239
 pyrrhonota hypopolia, 239
 Pewee, Wood, 141, 238
 Western Wood, 52
 Phaeornis, 41
 obscura myadestina, 34
 Phaethon lepturus dorotheae, 36, 41
 rubricauda rothschildi, 36, 41

- Phaethornis*, 4
 longuemareus, 6-14
 supercilius, 6-14
Phainopepla nitens lepida, 241
Phainopepla, 241
Phalacrocorax auritus, 134, 156, 296
 auritus albociliatus, 229
Phalaenoptilus nuttallii, 52
 nuttallii nuttallii, 236
Phalarope, Northern, 138, 190, 193, 235
 Red, 190, 193
 Wilson, 138, 156, 235
Phalaropus fulicarius, 193
Pharomacrus mocinno, 4
Phasianus colchicus, 37, 137, 233, 262, 265-275
Pheasant, Golden, 137
 Ring-necked, 33, 37, 137, 233, 262, 265-275
Pheucticus ludovicianus, 154, 244
 melanocephalus, 53, 93-96, 145
 melanocephalus melanocephalus, 244
Philacte canagica, 135
Phillips, Allan R., some observations of birds in southern Colorado, 50
Phillips, Allan R., and Pulich, Warren M., autumn bird notes from the Charleston Mountains, Nevada, 205
Phoebe, Black, 122, 180, 238
 Say, 51, 141, 238
Phyllastrephus, 82
Piaya cayana, 18
Pica nuttallii, 180
 ornata, 97, 302
 pica, 142, 180
 pica hudsonia, 239, 262
Picoides arcticus, 237
 tridactylus dorsalis, 237
Pigeon, Band-tailed, 52, 139, 156, 180, 184, 235
 Domestic, 262
 Passenger, 235
 Red-knobbed, 83
Pintail, 51, 135, 230
Pipilo aberti dumeticolus, 245
 carmani, 194-197
 erythrophthalmus, 195
 fuscus, 53, 257
 hyperboreus, 257
 maculatus, 120, 122, 146, 157, 181, 245, 261
 maculatus clementae, 120-121
 maculatus curtatus, 245
 maculatus megalonyx, 120-121
 maculatus montanus, 245
 socorroensis, 194-197
Pipit, American, 300
 Sprague, 300
 Water, 51, 143, 241
Pipra coronata, 5, 7-14
 mentalis, 5, 7-14
Piranga flava, 53
 ludoviciana, 145, 244
 rubra cooperi, 244
Pitangus sulphuratus, 11
Pitelka, Frank A., Central American races of *Cyanolyca mitrata*, 97; breeding seasons of hummingbirds near Santa Barbara, California, 198; the tyrannid *Aechmophorus mexicanus* in Guerrero, 300; nomenclature of the hooded jay, 300
Platysaris aglaiae, 18
Plegadis guarauna, 98, 155
 mexicana, 50, 229
Plover, Black-bellied, 138, 157, 187, 189-190, 234
 Golden, 38, 85, 190
 Mountain, 234
 Ringed, 138
 Semipalmated, 43, 138, 157, 189, 190, 233
 Snowy, 43, 157, 190, 233
Pluvialis dominica, 190
 dominica fulva, 38, 85, 190
 dominica dominica, 190
Podilymbus podiceps, 51, 134
 podiceps podiceps, 229
Polioptila caerulea, 143
 caerulea amoenissima, 241
 melanura lucida, 241
Polyborus cheriway, 50
Pooecetes gramineus, 146
 gramineus confinis, 245
Poor-will, 52, 236, 303
Popper, Daniel M., notes on the birds of Mount Locke, Texas, 51
Porter, Richard D., the status of rough-legged hawks in Idaho, 257
Porzana carolina, 138, 202, 233
Porzana palmeri, 41
Preece, Sherman J., and Selander, Robert K., cock roosts of nighthawks, 302
Procelsterna cerulea saxatilis, 41
Progne subis, 142
 subis subis, 239
Prunella montanella, 207
 montanella badia, 207
Psaltiriparus minimus, 52, 119, 122, 142, 179, 239
 minimus plumbeus, 239
 minimus providentialis, 239
Psilorhinus morio, 18, 152
 moria fuliginosus, 152
 morio morio, 152
 morio palliatus, 152
Pterodroma leucoptera hypoleuca, 36, 41
 phaeopygia sandwichensis, 41
Ptilinopus superbus superbus, 85
 viridis, 83
 viridis lewisi, 85
Puffinus nativitatis, 36, 41
 newelli, 36, 41
 pacificus cuneatus, 35, 40, 41
Pulich, Warren M., and Phillips, Allan R., autumn bird notes from the Charleston Mountains, Nevada, 205
Pycnonotus, 83
Pyrocephalus rubinus, 52
 rubinus flammeus, 238

Q

- Quail, 203
 California, 33, 37, 123, 137, 156, 233
 Gambel, 233
 Mearns, 51
 Mountain, 51, 137, 184, 233
 Pectoral, 37
 Quaintance, Charles W., pioneer starling nesting
 in eastern Oregon, 50
 Quiscalus quiscula versicolor, 243

R

- Rail, King, 153
 Sora, 202, 233
 Virginia, 137, 202, 233
 Woodford, 84
 Yellow, 233
 Rallina euryzonoides euryzonoides, 299
 Rallus elegans, 153
 limicola, 137, 202
 limicola limicola, 233
 Raven, 101, 239
 Holarctic, 142
 Recurvirostra americana, 193, 235
 Red-head, 51, 231
 Redpoll, Common, 146, 244
 Redstart, 54, 154, 243
 American, 154
 Painted, 205
 Red-wing, Tri-colored, 111
 Reeder, William G., stomach analysis of a group
 of shorebirds, 43
 Regulus calendula, 53, 143, 206
 calendula cineraceus, 241
 . satrapa, 143, 206
 satrapa amoenus, 206
 satrapa apache, 206
 satrapa olivaceus, 241
 Rett, Egmont Z., the painted redstart at Santa
 Barbara, California, 205
 Reuther, Ronald T., the Chinese spotted dove at
 Bakersfield, 301
 Reynolds, Hudson G., red-tailed hawk captures
 cottontail rabbit, 151
 Rhipidura cockerelli, 83
 cockerelli albina, 90-92
 leucophrys, 83
 leucophrys melaleuca, 90
 rufifrons, 83
 rufifrons granti, 90
 Rhodothera celestis, 18
 Ricebird, 40
 Richmondia cardinalis, 40, 261
 Riney, Thane, relationships between birds and
 deer, 178
 Riparia riparia, 141
 riparia riparia, 238
 Ripley, S. Dillon, migrant and introduced species
 in the Palau archipelago, 299
 Road-runner, 52, 101, 235

- Roberts, Frances, and Harrison, Ed, photograph
 of life in a murre colony, opposite 161;
 photograph of American avocet on nest,
 256; photograph of brown booby, 298
 Robin, 181-182, 184, 240, 303
 American, 112, 143
 Gray, 18
 Rynchops nigra, 259

S

- Sage Hen, 233, 260
 Saltator albigularis, 8-14
 atriceps, 18
 coerulescens, 8-14
 maximus, 8-14
 Saltator, Black-headed, 18
 Salpinctes obsoletus, 53, 122, 143
 obsoletus obsoletus, 240
 Sams, James R., and Brattstrom, Bayard H., the
 Clark nutcracker in San Diego County,
 California, 204
 Sanderling, 38, 44, 189-193, 234
 Sandpiper, Baird, 138, 234
 Common, 85
 Least, 138, 158, 189, 193, 234
 Pectoral, 138
 Red-backed, 123, 138, 187, 189, 193, 234
 Solitary, 138, 234
 Spotted, 138, 190-191, 234
 Stilt, 234
 Western, 44, 138, 187-189, 193, 234
 Sapsucker, Williamson, 141, 237
 Yellow-bellied, 102, 140, 237
 Sayornis nigricans, 180
 nigricans semiatra, 122, 238
 saya, 51, 141, 238
 saya quiescens, 238
 saya saya, 238
 Scardafella inca, 153, 155
 Schwilling, Marvin D., parula warbler nesting in
 Kansas, 100
 Scoter, Surf, 231
 White-winged, 231
 Seibert, Henri C., least tern in southeastern New
 Mexico, 204
 Seiurus aurocapillus, 153
 aurocapillus cinereus, 243
 motacilla, 154
 noveboracensis, 260
 noveboracensis notabilis, 154
 Selander, Robert K., and Preece, Sherman J.,
 cock roosts of nighthawks, 302
 Selasphorus platycercus platycercus, 237
 rufus, 52, 140, 237
 sasin, 198-201
 sasin sedentarius, 120, 122
 Setophaga picta, 205
 ruticilla, 54, 154, 243
 Shearwater, Christmas Island, 36
 Newell, 36
 Wedge-tailed, 35

- Shoveller, 51, 135, 231
 Shrike, Barred Ant, 16-17
 Boreal, 144
 Loggerhead, 51, 119, 120, 242
 Northern, 242
 Pepper, 17
Sialia currucoides, 143, 241
 mexicana, 53, 143, 180, 241
 mexicana bairdi, 241
 mexicana occidentalis, 241
 Sibley, Charles G., black-and-white warbler in Santa Clara County, California, 51; notes on the birds of New Georgia, central Solomon Islands, 81
 Siskin, Pine, 146, 206, 244
Sitta canadensis, 142, 240
 carolinensis, 53, 142, 206, 239
 carolinensis nelsoni, 239
 carolinensis tenuissima, 240
 pygmaea, 150, 206, 240
 pygmaea canescens, 240
 pygmaea melanotis, 240
 Skimmer, Black, 259
 Skutch, Alexander F., congeneric species of birds nesting together in Central America, 3
 Skylark, European, 39
 Small, Arnold, laughing gull on the coast of southern California, 101; an unusual concentration of elegant terns in southern California, 154
 Snipe, Common, 234
 Holarctic, 138
 Wilson, 192
 Solitaire, Townsend, 143, 241
 Sora, 138
 Sparrow, Aleutian Song, 251-253
 Amak Song, 253
 Bell, 119
 Bischoff Song, 252-254
 Black-chinned, 123, 246
 Black-throated, 245
 Brewer, 51, 246
 Cassin, 245
 Chipping, 54, 146, 154, 246
 English, 92, 243
 Fox, 147, 179, 182, 246, 298-299
 Giant Song, 251-253
 Golden-crowned, 147, 246
 Grasshopper, 153, 245
 Harris, 246
 House, 145, 207
 Kenai Song, 253
 Lark, 51, 146, 245
 Lincoln, 147
 Olive, 18
 Riley Song, 255
 Rufous-crowned, 53, 118
 Sage, 245
 Savannah, 146, 245
 Song, 114, 118, 120, 147, 246, 250-255, 257
 Sooty Song, 254
 Swamp, 246
 Tree, 146, 246
 Vesper, 146, 245
 White-crowned, 118, 123, 147, 179, 246
 White-throated, 147, 246
 Yakutat Song, 253-255
Spatula clypeata, 135, 156, 231
Speotyto cunicularia, 139
 cunicularia hypugaea, 122, 236
Sphyrapicus thyroideus, 141, 237
 thyroideus nataliae, 237
 thyroideus thyroideus, 237
 varius, 140, 237
 varius daggetti, 237
 varius nuchalis, 237
 varius varius, 102
Spinus pinus, 146, 206
 pinus pinus, 244
 psaltria, 146
 psaltria hesperophilus, 122, 244
 tristis, 146, 156
 tristis pallidus, 244
Spizella arborea, 146
 arborea ochracea, 146
 atrogularis caurina, 123
 atrogularis evura, 246
 breweri, 51
 breweri breweri, 246
 passerina, 54, 146, 154
 passerina arizonae, 122, 246
Sporophila aurita, 8-14
 torqueola, 8-14
Squatarola squatarola, 138, 157, 190, 234
 Starling, 50, 242
 Brown-winged, 92
 Colonial, 92
 European, 144
 Little, 91
Steganopus tricolor, 138, 156, 235
Stelgidopteryx ruficollis, 141, 156
 ruficollis serripennis, 239
Stellula calliope, 237
Sterna, 40
 albifrons, 204
 anaethetus lunata, 38, 41
 antillarum, 235
 forsteri, 139, 235
 fuscata oahuensis, 39, 41
 sumatrana, 85
 Stilt, 38
 Black-necked, 235
 Storer, Robert W., the seasonal occurrence of shorebirds on Bay Farm Island, Alameda County, California, 186
 Stott, Ken, Jr., an Anna hummingbird caught in a spider web, 49
Streptopelia chinensis, 39, 301
 Stresemann, Erwin, on the supposed identity of *Emberiza hyperborea* Pallas with *Pipilo fuscus* Swainson, 257
Strix nebulosa, 140
 nebulosa nebulosa, 203
 occidentalis, 140

- Sturnella magna*, 260
 neglecta, 39, 122, 145, 156, 183, 243
Sturnus vulgaris, 50, 144
 vulgaris vulgaris, 242
Sula dactylatra personata, 36, 41
 leucogaster brewsteri, 298
 leucogaster plotus, 36, 41, 299
 sula rubripes, 36, 40-41
 Sunbird, Yellow-bellied, 92
 Surf Bird, 123
 Sutton, George Miksch, birds and an ant army
 in southern Tamaulipas, 16; subspecific
 status of the green jays of northeastern
 Mexico and southern Texas, 124; *Capri-*
 mulgus ridgwayi in Michoacan, Mexico,
 261
 Swallow, Bank, 51, 141, 238
 Barn, 141, 154, 239
 Cliff, 142, 239
 Pacific, 89
 Rough-winged, 141, 156, 239
 Tree, 51, 141, 238
 Violet-green, 52, 141, 238
 Swan, Trumpeter, 230
 Whistling, 135, 229
 Swift, Black, 140, 236
 Vaux, 140, 236
 Whiskered Tree, 88
 White-throated, 236
 Swiftlet, Glossy, 88
 Vanikoro, 88
Synthliboramphus antiquus, 301
- T**
- Taber, Richard D., and Collias, Nicholas E., a
 field study of some grouping and domi-
 nance relations in ring-necked pheasants,
 265
 Taber, Wendell, road-runner in Oklahoma, 101
Tachycineta thalassina, 52, 141
 thalassina lepida, 238
 Tanager, Hepatic, 53
 Red-throated Ant, 16-17
 Summer, 244
 Western, 145, 244
 Tanagra, 18
 imitans, 8-14
 luteicapilla, 8-14
 minuta, 8-14
Tangavivus aeneus, 263
 Tattler, Wandering, 38, 85
 Taylor, Lois Chambers, prior description of two
 Mexican birds by Andrew Jackson Gray-
 son, 194
 Taylor, Walter P., and Duvall, Allan J., the Luci-
 fer hummingbird in the United States, 202
 Teal, Blue-winged, 51, 123, 135, 157, 230
 Cinnamon, 51, 135, 230
 Green-winged, 51, 135, 230
Teslopiza cantans cantans, 41
 cantans ultima, 41
Telmatodytes palustris, 143, 240
 palustris aestuarinus, 240
 palustris plesius, 240
 Tern, 114
 Black, 139, 235
 Caspian, 139, 154, 158, 235
 Elegant, 154
 Hawaiian, 39
 Forster, 139, 235
 Gray-backed, 38
 Least, 154, 204, 235
 Royal, 154
 Sooty, 39
Thalasseus bergii, 85
 elegans, 154
Thamnophilus doliiatus, 16-17
 Thrasher, Bendire, 240
 Crissal, 240
 Leconte, 240
 Long-billed, 18
 Sage, 240
Thraupis abbas, 5, 8-14
 episcopus, 5, 8-14
 palmarum, 5, 8-14
 Thrush, Hermit, 143, 179, 182, 241
 Kauai, 34
 Swainson, 143, 179, 241
 Varied, 143, 240
Thryomanes bewickii, 53, 143, 197, 240, 260
 bewicki atrestus, 240
 bewickii catalinae, 120
 bewickii correctus, 120
 bewickii eremophilus, 240
 bewicki nesophilus, 120, 122
 sissonii, 197
Thryothorus maculipictus, 18
 modestus, 7-14
 nigricapillus, 7-14
 nigricapillus semibadius, 14
 sissonii, 197
 Titmouse, Black-crested, 52
 Plain, 239
Tityra inquisitor, 7-14
 semifasciata, 7-14
Todirostrum cinereum, 5, 7-14
 sylvia, 5, 7-14
 Tordoff, Harrison B., osteology of *Colinus hibi-*
 bardi, a Pliocene quail, 23; a quail from
 the Oligocene of Colorado, 203; Sitka
 crossbill in Kansas, 261
Totanus flavipes, 138, 158, 234
 melanoleucus, 44, 138, 191, 234
 Towhee, Abert, 245
 Brown, 53, 257
 Green-tailed, 245
 Socorro, 194-197
 Spotted, 120-121, 146, 157, 181, 182, 245, 261
Toxostoma bendirei, 240
 dorsale dorsale, 240
 lecontei lecontei, 240
 longirostre, 18

Tree-duck, Fulvous, 55, 158, 230
 Trichoglossus haematodus, 83
 haematodus massena, 86
 Tringa solitaria, 138
 solitaria cinnamomea, 234
 Troglodytes aedon, 142
 aedon parkmanii, 240
 insularis, 194-197
 musculus, 5, 7-14
 rufociliatus, 5, 7-14
 solstitialis, 5, 7-14
 troglodytes, 143
 troglodytes pacificus, 240
 Trogon, 4
 elegans ambiguus, 18
 Trogon, Coppery-tailed, 18
 Tropic Bird, Red-tailed, 36
 White-tailed, 36
 Turdus assimilis, 7
 grayi, 7, 18
 ignobilis, 7
 migratorius, 143, 181, 303
 migratorius propinquus, 240
 Turkey, 38
 Domestic, 33
 Wild, 137, 153
 Turnstone, Black, 190, 192
 Ruddy, 38, 85, 190-191, 234
 Tympanuchus cupido, 37
 Tyrannus, 18
 melancholicus, 52
 tyrannus, 237
 verticalis, 141, 154, 238
 vociferans, 52
 vociferans vociferans, 238
 Tyto alba, 139
 alba crassirostris, 88
 alba pratincola, 122, 235

U

Uria aalge, 99
 aalge californica, 99, opposite 161
 aalge inornata, 99
 Urubitinga anthracina, 155

V

Veery, 241
 Verdin, 239
 Vermivora celata, 144, 154, 242
 celata celata, 242
 celata lutescens, 242
 celata orestera, 242
 celata sordida, 120, 122
 chrysoptera, 13
 luciae, 155, 242
 pinus, 13
 ruficapilla, 144, 154, 156
 ruficapilla ridgwayi, 242
 virginiae, 242
 Vestiaria coccinea, 34
 Vireo bellii, 242
 bellii arizonae, 242

 bellii pusillus, 242
 flavifrons, 242
 gilvus, 144, 242
 gilvus leucopolius, 242
 gilvus swainsonii, 242
 griseus, 18
 huttoni, 144
 huttoni huttoni, 122
 olivaceus flavoviridis, 18
 solitarius, 144, 156, 242
 solitarius cassinii, 242
 solitarius plumbeus, 242
 vicinior, 242
 Vireo, Bell, 242
 Gray, 242
 Hutton, 144
 Solitary, 144, 156, 242
 Warbling, 144, 242
 White-eyed, 18
 Yellow-green, 18
 Vultur gryphus, 102
 Vulture, Black, 84
 Turkey, 51, 136, 178, 231

W

Wagtail, Willie, 90
 Warbler, Audubon, 53, 144, 243
 Black-and-white, 51, 242
 Black-throated Gray, 144, 156, 243
 Blue-winged, 13
 Fan-tailed, 18
 Golden-winged, 13
 Grace, 156, 260
 Hermit, 144, 156, 179, 243
 Kentucky, 154
 Lichtenstein, 18
 Lucy, 155, 242
 Magnolia, 242
 Middendorf's Grasshopper, 206
 Myrtle, 144, 243
 Nashville, 144, 154, 156, 242
 Orange-crowned, 120, 144, 242
 Parula, 100
 Pileolated, 145, 179, 243
 Pitiayumi, 18
 Swainson, 154
 Tolmie, 145, 243
 Townsend, 144, 243
 Virginia, 242
 Yellow, 51, 144, 242
 Water-thrush, Louisiana, 151
 Northern, 260
 Waxwing, Cedar, 144, 241
 Greater, 241
 Holarctic, 143
 Webster, J. Dan, corrections concerning data on
 Alaskan birds, 54
 Wetmore, Alexander, the original description of
 the fossil bird *Cryptornis antiquus*, 153;
 the identity of two Asiatic birds recorded
 from Nunivak Island, Alaska, 206

Whip-poor-will, Collared, 261

White-eye, 34, 39

Central Solomons, 92

Widgeon, European, 135, 230

Willet, 187-189, 191, 234

Western, 44

Wilsonia pusilla, 145, 179, 243

pusilla chryseola, 243

pusilla pileolata, 243

pusilla pusilla, 243

Woodbury, Angus M., and Knight, Howard, results of the Pacific gull color-banding project, 57

Woodhewer, Ivory-billed, 159

Woodpecker, Acorn, 140, 180, 237

Black-backed, 237

Downy, 141, 237

Gila, 237

Hairy, 141, 237

Ladder-backed, 18, 52, 237

Lewis, 140, 237

Pileated, 140

Three-toed, 237

White-headed, 237

Wren, Bewick, 53, 120, 143, 197, 240, 260

Cactus, 240

Canyon, 53, 240

House, 142, 240

Long-billed Marsh, 143, 240

Rock, 53, 143, 240

Socorro, 194-197

Spotted-breasted, 18

White-bellied, 18

Winter, 143, 240

Wren-tit, 142

X

Xanthocephalus xanthocephalus, 111, 145, 243

Xanthoura yncas, 18, 124-128

yncas centralis, 128

yncas glaucescens, 124-128

yncas luxuosa, 124-128

yncas maya, 128

yncas vivida, 124-125, 128

Xiphorhynchus flavigaster, 18, 159

Y

Yellow-legs, Greater, 44, 138, 189, 191, 234

Lesser, 138, 158, 234

Yellow-throat, 145, 243

Yocom, Charles F., breeding status of the ring-necked duck in Washington, 47

Z

Zenaida asiatica mearnsi, 235

Zenaidura macroura, 52, 139, 258, 260, 262

macroura marginella, 122, 235

Zonotrichia, 206

albicollis, 147, 246

coronata, 147, 246

leucophrys, 147, 179, 246

leucophrys gambelii, 246

leucophrys nuttalli, 118

leucophrys oriantha, 246

leucophrys pugetensis, 123

querula, 246

Zosterops palpebrosus, 34, 39

rendovae, 83, 90-91

rendovae kulambangrae, 83, 92

rendovae rendovae, 83, 92

